

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
 Data File : VX046084.D
 Acq On : 08 May 2025 12:32
 Operator : JC/MD
 Sample : Q1985-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20250507

Quant Time: May 09 01:56:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

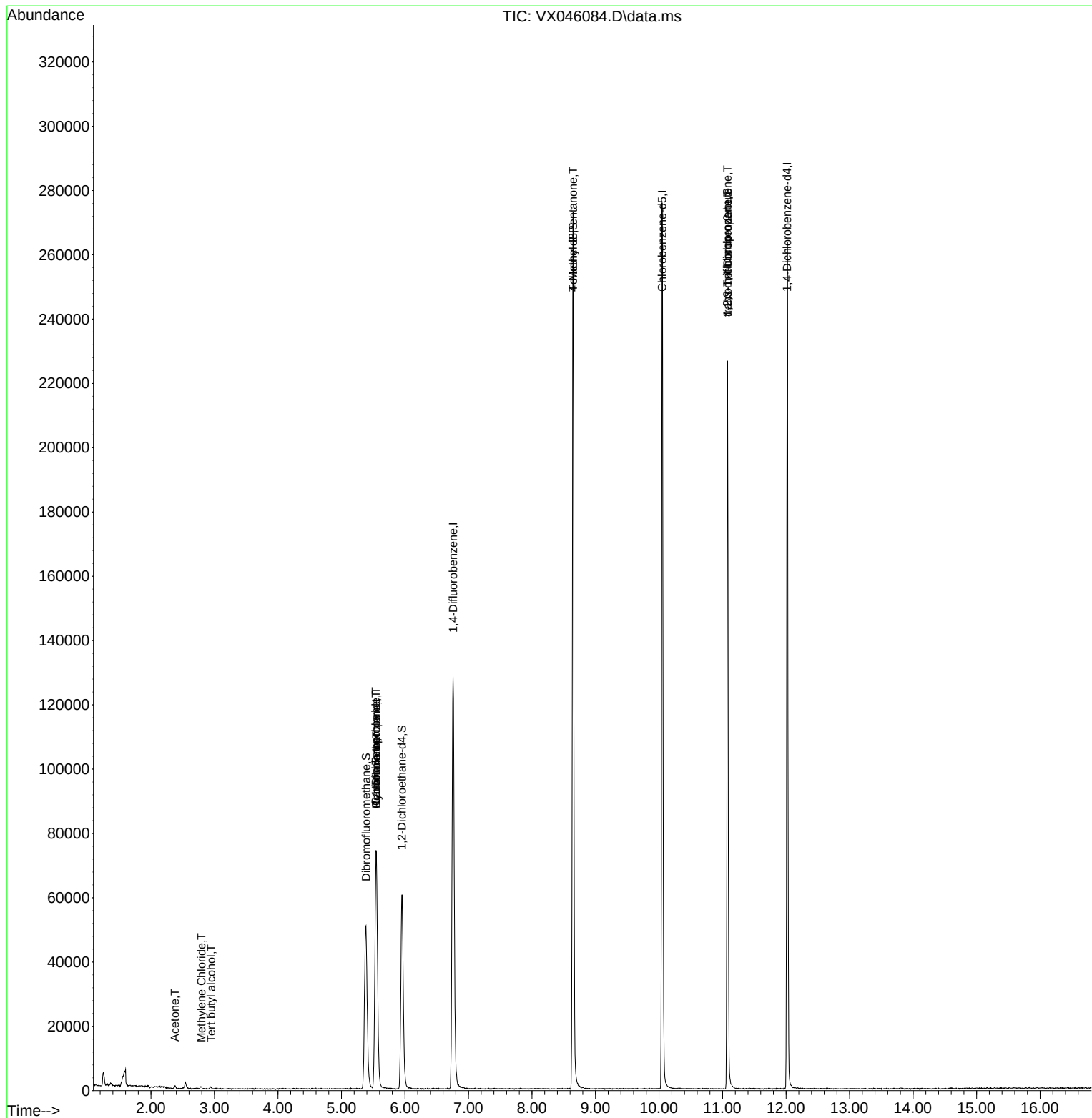
Internal Standards						
1) Pentafluorobenzene	5.550	168	64053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126115	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	114932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61356	51.380	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.760%
35) Dibromofluoromethane	5.385	113	44864	49.401	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.800%
50) Toluene-d8	8.647	98	154594	49.183	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.360%
62) 4-Bromofluorobenzene	11.079	95	59587	49.421	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	241	1.438	ug/l #	72
16) Acetone	2.379	43	1002	2.093	ug/l	96
20) Methylene Chloride	2.794	84	333	0.363	ug/l #	85
31) Cyclohexane	5.550	56	1910	1.342	ug/l #	45
36) 1,1-Dichloropropene	5.544	75	6199	5.080	ug/l #	52
38) Carbon Tetrachloride	5.544	117	7340	5.354	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	889	0.582	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34647	29.063	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34647	94.620	ug/l #	1

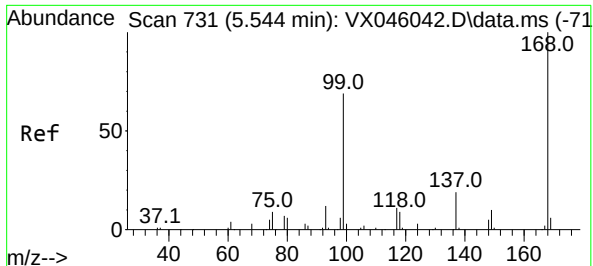
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
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ALS Vial : 8 Sample Multiplier: 1

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Quant Time: May 09 01:56:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
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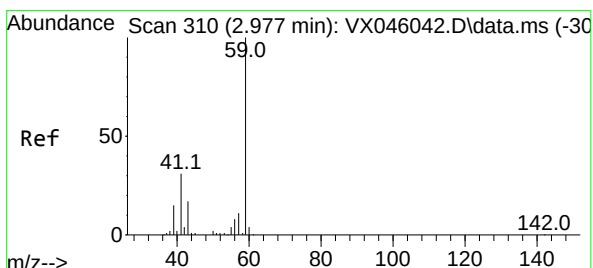
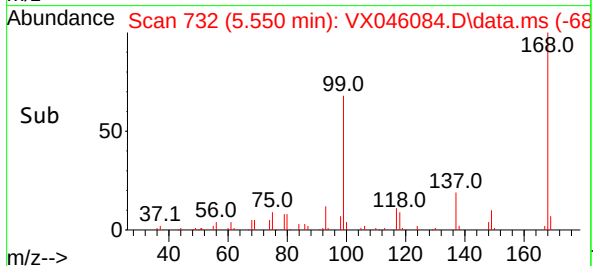
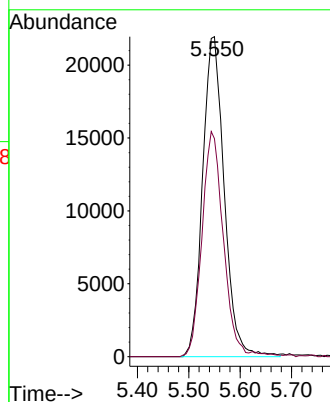
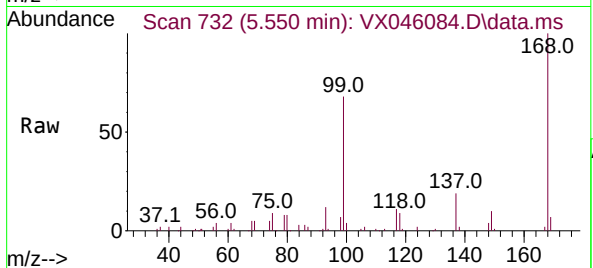




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046084.D
Acq: 08 May 2025 12:32

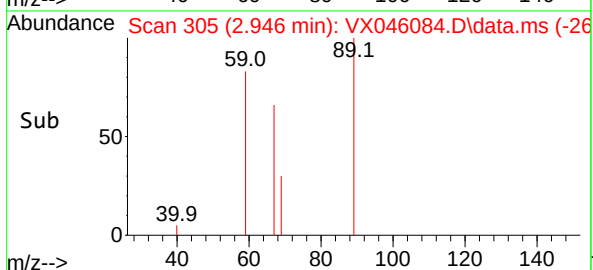
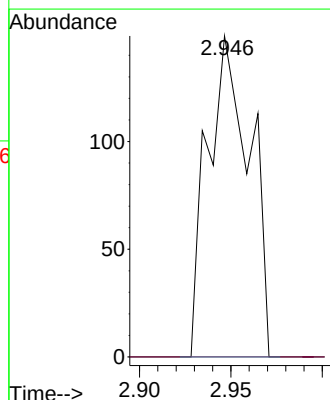
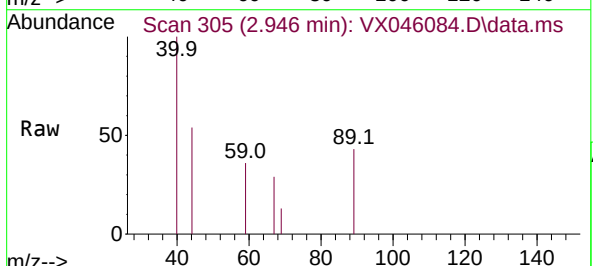
Instrument :
MSVOA_X
ClientSampleId :
TB-20250507

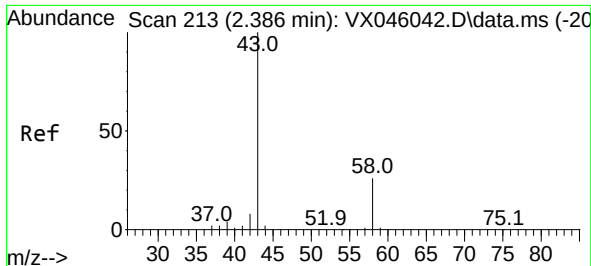
Tgt Ion:168 Resp: 64053
Ion Ratio Lower Upper
168 100
99 68.1 54.9 82.3



#11
Tert butyl alcohol
Concen: 1.438 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX046084.D
Acq: 08 May 2025 12:32

Tgt Ion: 59 Resp: 241
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

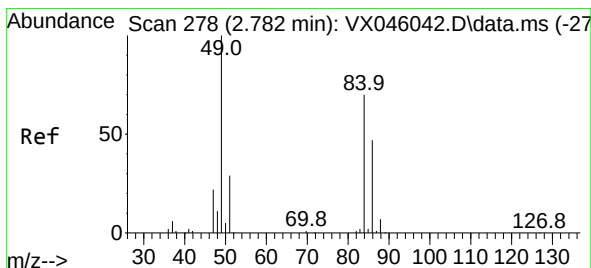
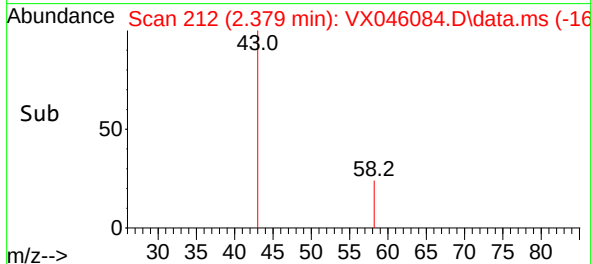
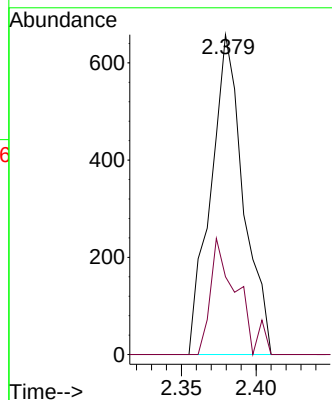
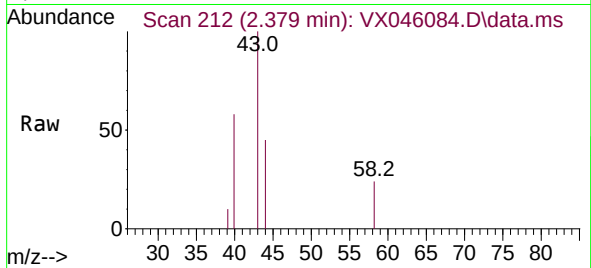




#16
Acetone
Concen: 2.093 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046084.D
Acq: 08 May 2025 12:32

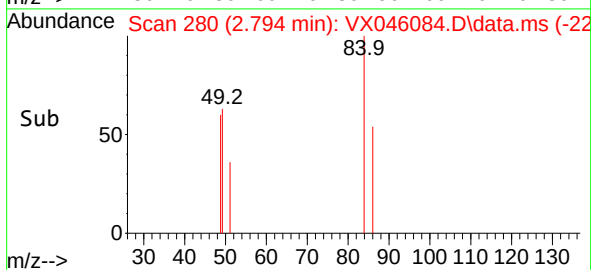
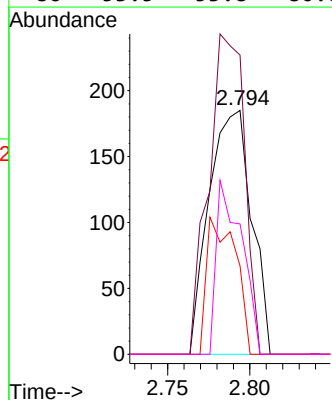
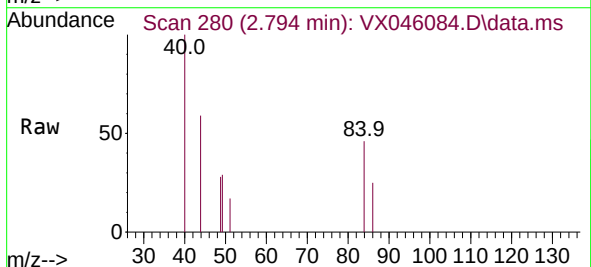
Instrument :
MSVOA_X
ClientSampleId :
TB-20250507

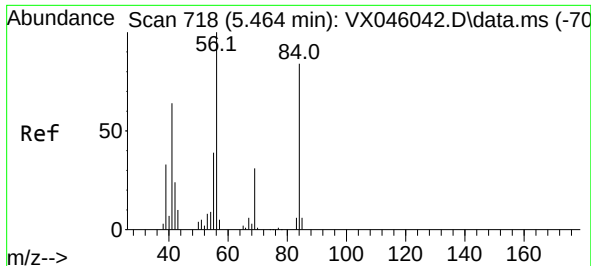
Tgt Ion: 43 Resp: 1002
Ion Ratio Lower Upper
43 100
58 24.3 21.2 31.8



#20
Methylene Chloride
Concen: 0.363 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX046084.D
Acq: 08 May 2025 12:32

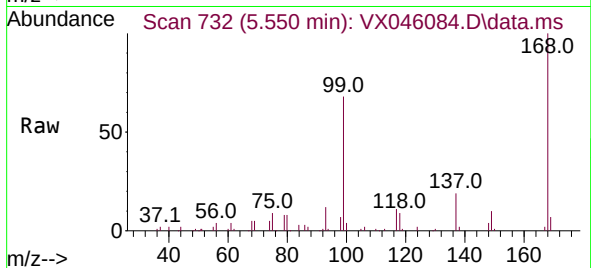
Tgt Ion: 84 Resp: 333
Ion Ratio Lower Upper
84 100
49 122.7 113.9 170.9
51 36.2 33.5 50.3
86 53.5 53.8 80.8#



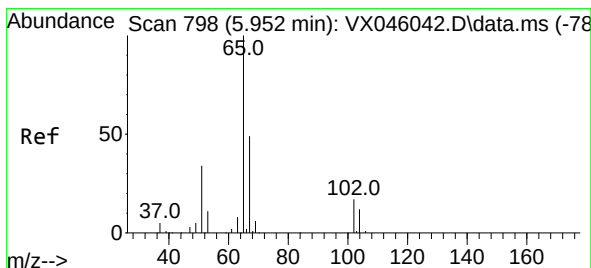
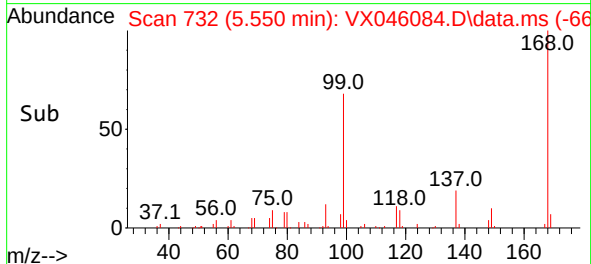
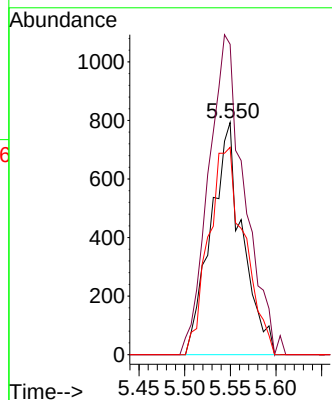


#31
Cyclohexane
Concen: 1.342 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX046084.D
Acq: 08 May 2025 12:32

Instrument :
MSVOA_X
ClientSampleId :
TB-20250507

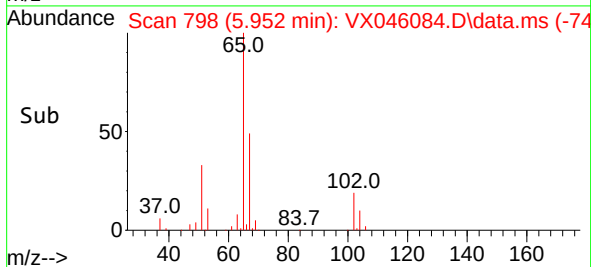
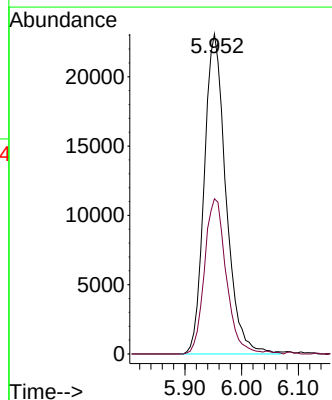
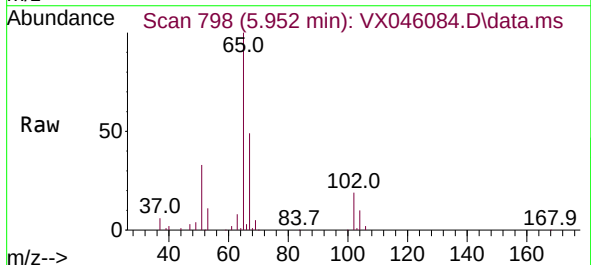


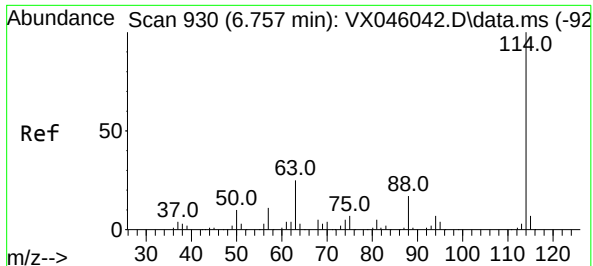
Tgt Ion: 56 Resp: 1910
Ion Ratio Lower Upper
56 100
69 133.7 24.4 36.6#
84 89.3 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 51.380 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046084.D
Acq: 08 May 2025 12:32

Tgt Ion: 65 Resp: 61356
Ion Ratio Lower Upper
65 100
67 48.6 0.0 99.0

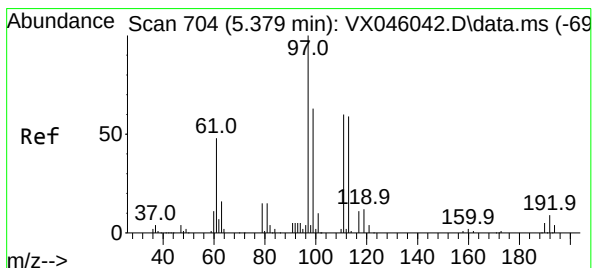
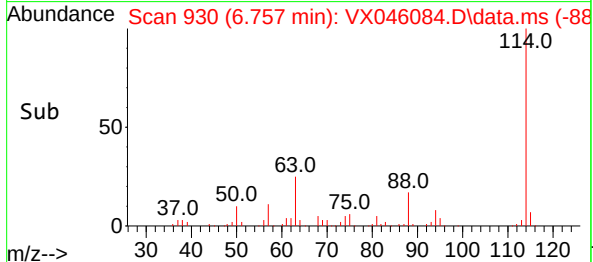
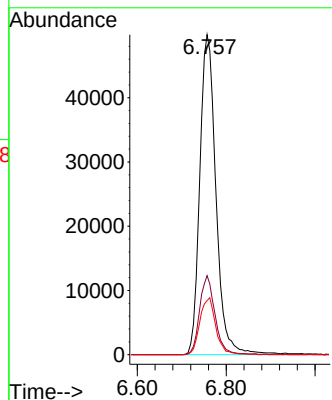
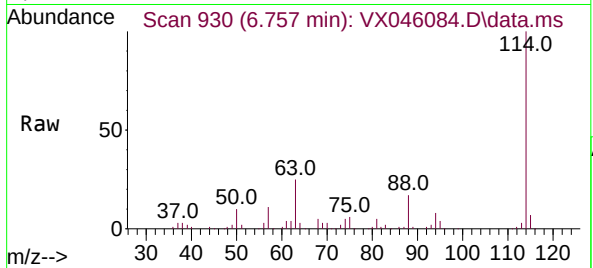




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX046084.D
 Acq: 08 May 2025 12:32

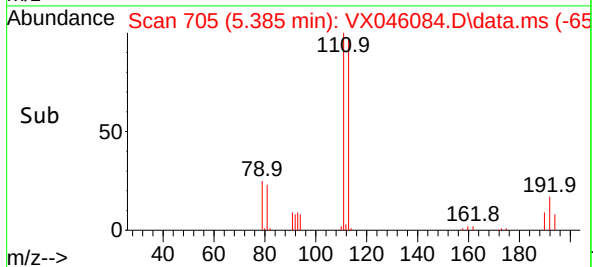
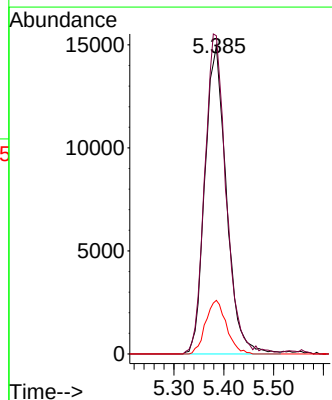
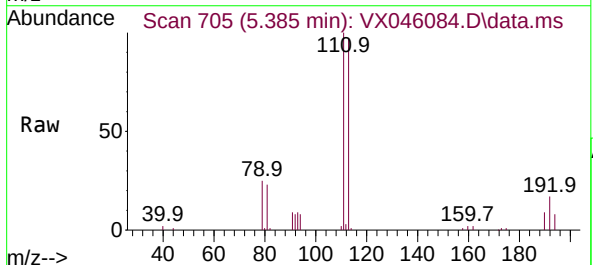
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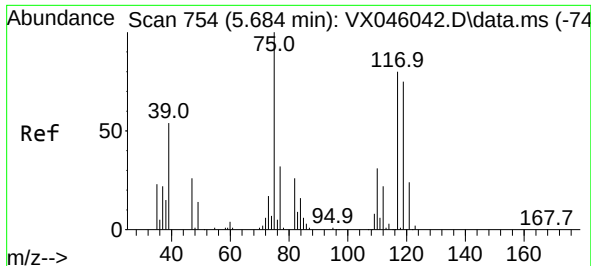
Tgt Ion:114 Resp: 126115
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.9 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 49.401 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX046084.D
 Acq: 08 May 2025 12:32

Tgt Ion:113 Resp: 44864
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.1 124.7
 192 16.9 13.3 19.9

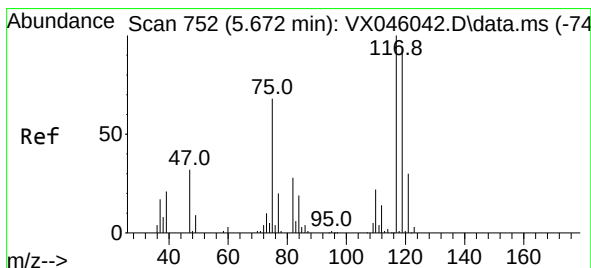
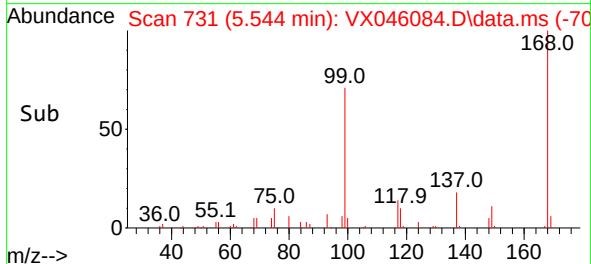
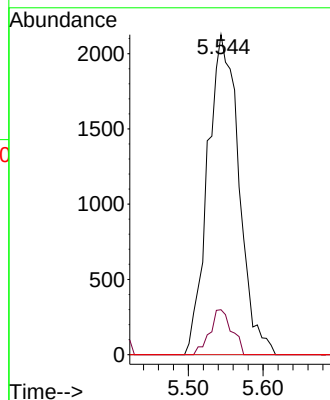
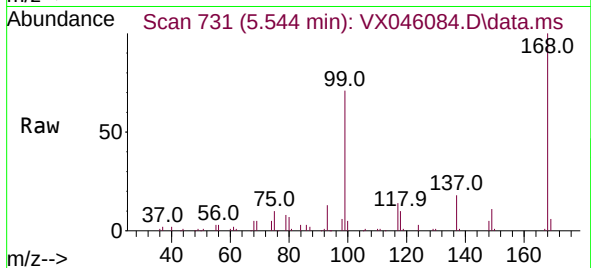




#36
1,1-Dichloropropene
Concen: 5.080 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX046084.D
Acq: 08 May 2025 12:32

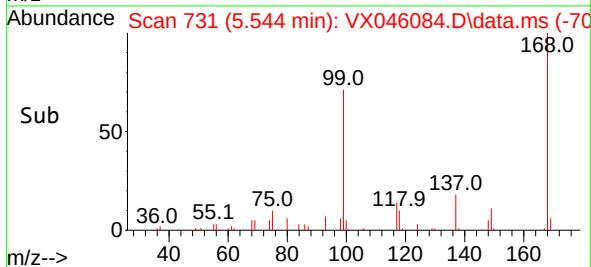
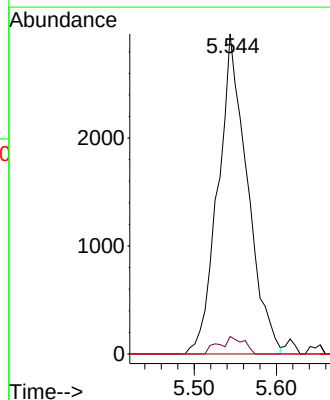
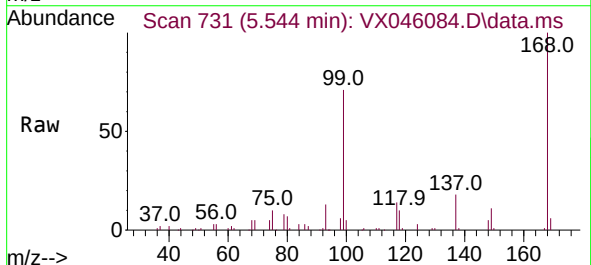
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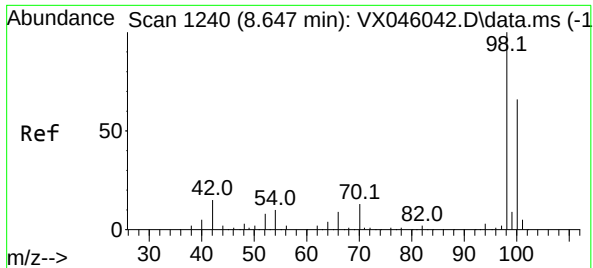
Tgt Ion: 75 Resp: 6199
Ion Ratio Lower Upper
75 100
110 9.8 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.354 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046084.D
Acq: 08 May 2025 12:32

Tgt Ion: 117 Resp: 7340
Ion Ratio Lower Upper
117 100
119 5.4 75.2 112.8#
121 0.0 24.2 36.4#

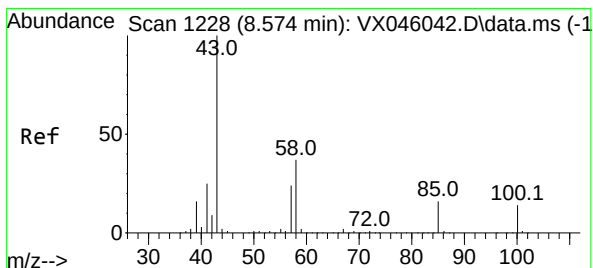
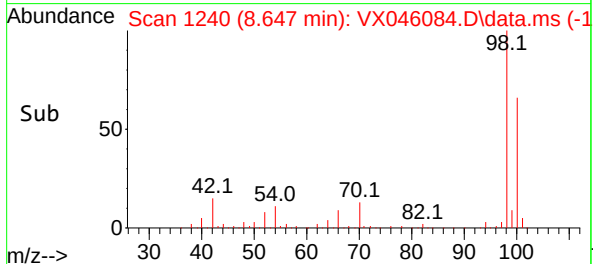
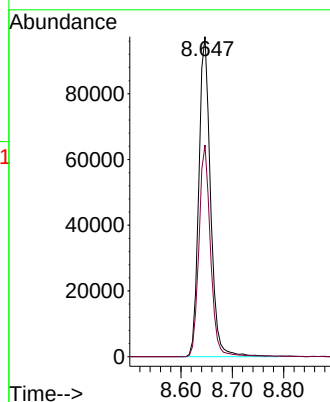
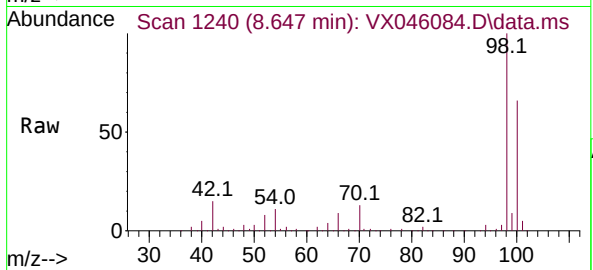




#50
Toluene-d8
Concen: 49.183 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046084.D
Acq: 08 May 2025 12:32

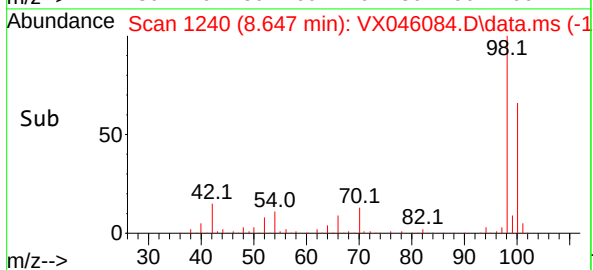
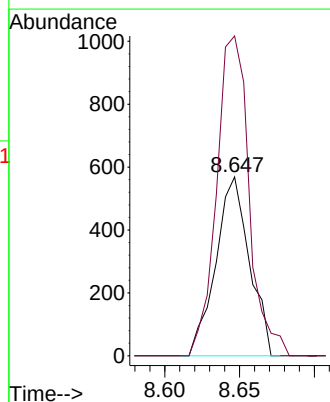
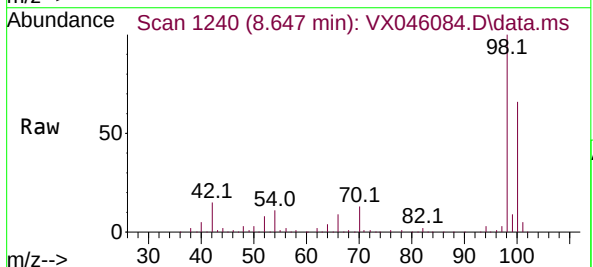
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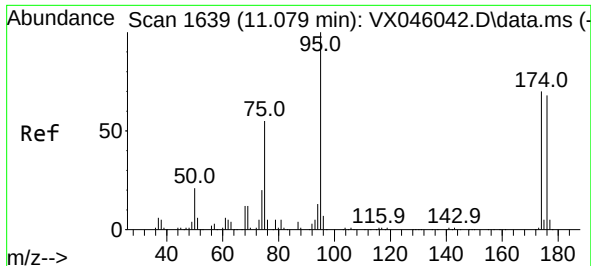
Tgt Ion: 98 Resp: 154594
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.582 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046084.D
Acq: 08 May 2025 12:32

Tgt Ion: 43 Resp: 889
Ion Ratio Lower Upper
43 100
58 173.3 28.9 43.3#

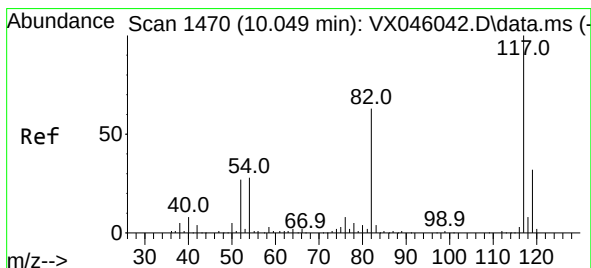
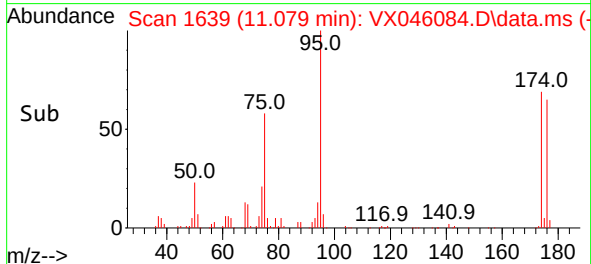
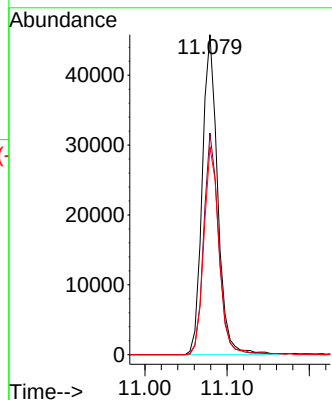
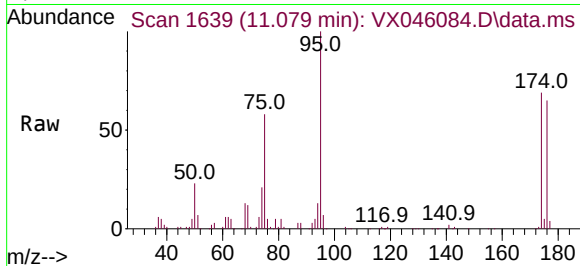




#62
4-Bromofluorobenzene
Concen: 49.421 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046084.D
Acq: 08 May 2025 12:32

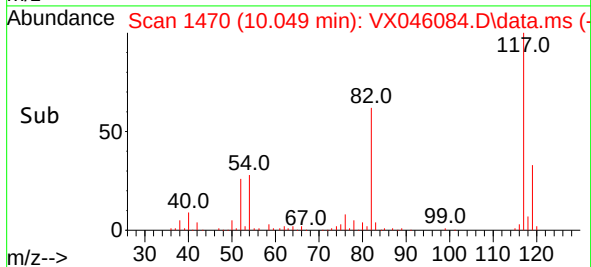
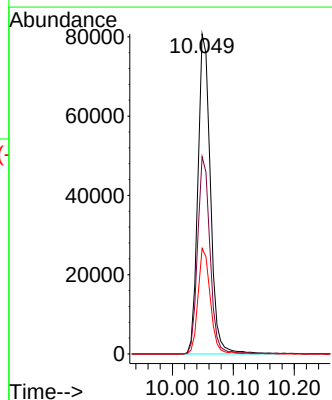
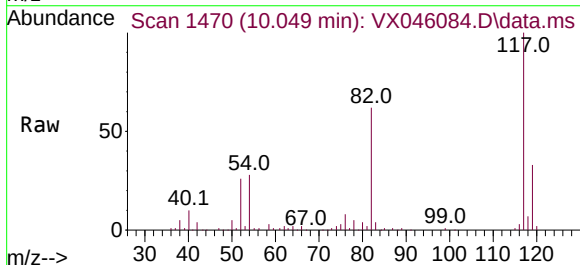
Instrument :
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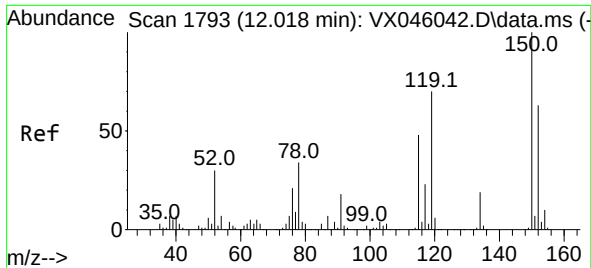
Tgt Ion: 95 Resp: 59587
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.8
176 64.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046084.D
Acq: 08 May 2025 12:32

Tgt Ion: 117 Resp: 114932
Ion Ratio Lower Upper
117 100
82 61.7 50.6 76.0
119 33.0 25.8 38.6

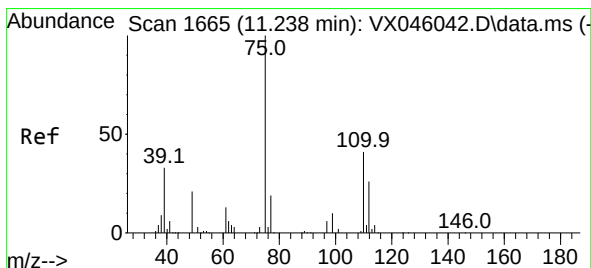
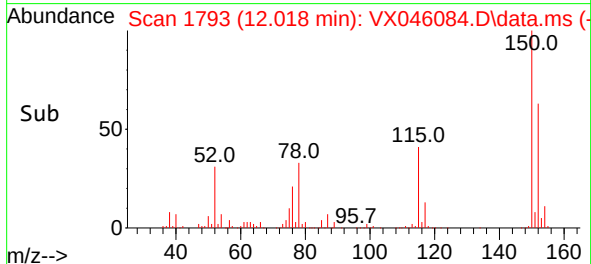
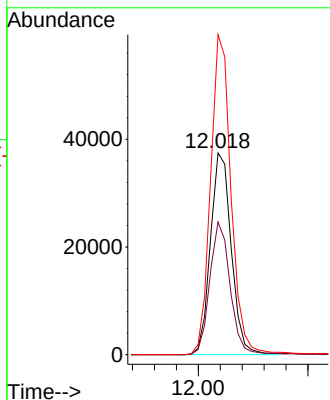
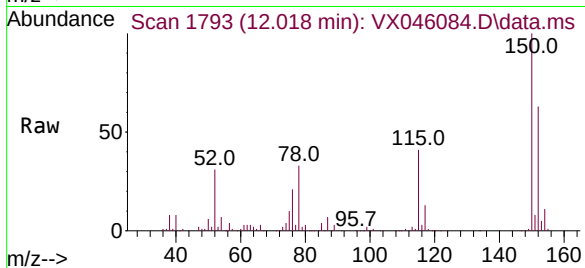




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046084.D
 Acq: 08 May 2025 12:32

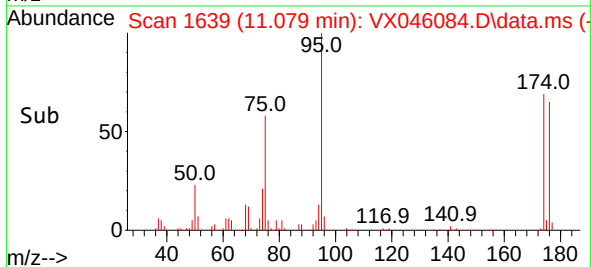
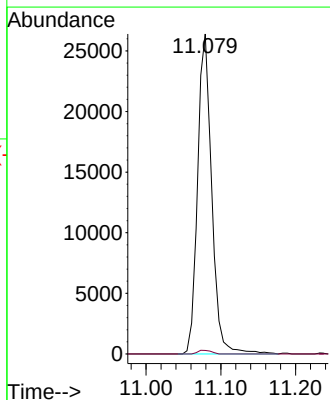
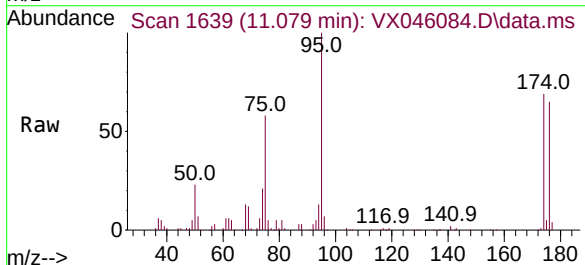
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20250507

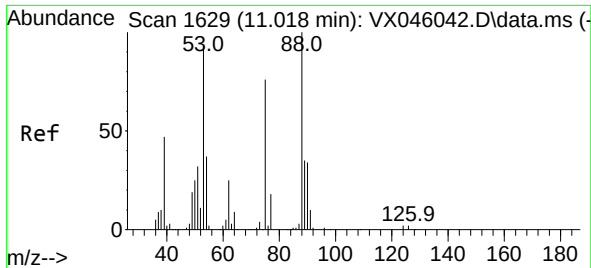
Tgt Ion:152 Resp: 49527
 Ion Ratio Lower Upper
 152 100
 115 64.4 46.9 140.7
 150 156.3 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 29.063 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046084.D
 Acq: 08 May 2025 12:32

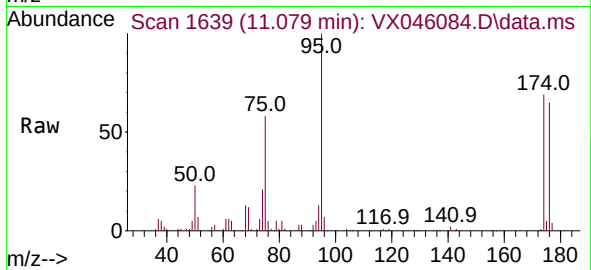
Tgt Ion: 75 Resp: 34647
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.620 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046084.D
 Acq: 08 May 2025 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20250507



Tgt Ion: 75 Resp: 34647
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

